

25X1A

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2 March 1963

MEMORANDUM FOR THE RECORD

SUBJECT: OXCART Status Summary of 1 March Flight Activity

1. Aircraft #122 (equipped with J-58 engines) made flight #4 on 1 March for a duration of forty-one minutes, with a Lockheed test-pilot at the controls. The flight reached an altitude of 58,000 feet and a speed of Mach 2.24. An inlet-control and engine fuel-control schedule mismatch was encountered during flight. Controls automatic schedules will require adjustments based on flight experiences in order to optimize performance. The landing was normal with proper drag-chute deployment. This was the first flight of an OXCART aircraft equipped with special circumferential inlet screens for the purpose of reducing the possibility of foreign object damage to engines from within the nacelle structure.

2. Aircraft #123 (equipped with J-75 engines) made flight #49, 1 March, for a duration of two hours and ten minutes. The purpose of the flight was to test the Type III (Dynametric) camera and the inertial navigation system. The drag chute failed to deploy until just before the aircraft came to a stop at the end of the landing roll.

3. Aircraft #124 (trainer aircraft equipped with J-75 engines) made flight #35, 1 March, for a duration of one hour and thirty-nine minutes. A Lockheed instructor-pilot gave an Agency pilot a first familiarization flight. The flight and landing, including normal drag-chute deployment, were regarded as routine.

JOHN PARADOCKY
Chief, Development Division
JSA/DDR

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